1. Thesis Statement

The usage of genetically modified foods must be banned due to environmental and economical issues.

2. Brief explanation as to why the question is a controversial issue.

Due to the mass consumption and increasing consumption of foods, the issue of food shortage and world hunger was inevitable. Thus scientists and politicians have been searching for a solution to these problems. One of the alternatives that they have found is genetically modifying organisms. However the debate is ongoing whether genetically engineered food will solve the world’s dilemma or lead to an even more disastrous outcome.

3. Brief outline of at least two sides on the issue, their rationale, and the value that they necessarily are demonstrating.

Pro genetically modified food

Some people believe that genetically modified food is the solution to food shortage. They say that by mutating genes of normal crops can increase yield and reduce production fee. Due to the Frankenstein-gene crops will be able to not only withstand harsh weather and environment but also eliminates the needs for the usage of pesticides. Thus the amount of harvest will increase greatly decreasing the prices of food.

Con genetically modified food

People against genetically modified food contend that the science itself is too new. Because the history of research is short many danger lies underneath such as genetic poisoning and the decrease of genetic diversity. Another argument that the opponents of GM food claim is that due to the fact that the genetic modifying technology is an unreachable science for the third and developing nations companies like Monsanto can hold a grasp on the world’s food supply thus worsening conditions in these countries.

4. An outline of each paragraph in your body demonstrating an argument and evidence used to support it.

1. Introduction
   1. Genetically modified food should not be produced due to the environmental and economical damage that pose a threat to the third and developing nations
2. Body I
   1. GM food possess dangerous effects to the environment and the health of mankind
      1. There are many cases where the consequences are unknown for the usage of GM food
         1. GM food increases the number of illness
            1. 82% of the foodborne diseases and 25% of the death cases were caused by "unknown pathogens" 1
         2. Ex) GM soy has unknown dangers
            1. The sequence of the gene that was inserted into soy has inexplicably rearranged over time. The protein it creates is likely to be different than the one intended, and was never subject to any safety studies. It may be allergenic or toxic.2
      2. GM foods can cause irreversible environmental issues
         1. Reduces biodiversity
            1. In Indian agriculture, women use up to 150 different species of plants (which the biotech industry would call weeds) as medicine, food, or fodder. For the poorest, this biodiversity is the most important resource for survival. In West Bengal, 124 "weed" species collected from rice fields have economic importance for local farmers. In a Tanzanian village, over 80 percent of the vegetable dishes are prepared from uncultivated plants. Herbicides such as Roundup and the transgenic crops engineered to withstand them therefore destroy the economies of the poorest, especially women. What is a weed for Monsanto is a medicinal plant or food for rural people.3
         2. Genetic poisoning
            1. Modified viruses could cause famine by destroying crops or cause human and animal diseases of tremendous power."4
3. Body II
   1. The production of GM food increases the gap between the rich and the poor
      1. Poor farmers in poor countries will suffer more
         1. It makes cotton cheaper to grow for highly subsidized American producers, further undercutting the price of cotton and forcing West African producers out of business.5
      2. Companies like Monsanto will be grasping the world’s food supply
         1. 40% of the world food trade is owned by 10 companies6
4. Body III
   1. The benefits of GM food are exaggerated
      1. People claim that it will reduce the usage of pesticides
         1. Will be correct for a short term but on the long run it will create more issues
            1. Superbugs and Superweeds7
5. Conclusion
   1. GM foods may be beneficial for a short period of time. However on the long run genetically modified food creates more problems that have to do to with the environment and the global economy. Therefore the production of GM foods should be banned.

**Citations**

1. Genetically Modified Food Causes Food-Borne Illnesses

[http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529\_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW\_TOPIC\_TREE&prodId=OVRC&searchId=R4&currentPosition=12&userGroupName=krkis&resultListType=RESULT\_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30)"genetically+engineered+foods"$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010325209&docType=GSRC](http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW_TOPIC_TREE&prodId=OVRC&searchId=R4&currentPosition=12&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30))

2. Genetically Modified Food Threatens Human Health

<http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%2528en%252C%252C%2529%253AFQE%253D%2528su%252CNone%252C25%2529genetically%2Bmodified%2Bfood%2524&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=DISPLAY_SUBJECTS&prodId=OVRC&searchId=R3&currentPosition=2&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(ke,None,25)genetically+modified+food$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010447216&docType=GSRC>

3. Genetically Engineered Foods Should Not Be Produced

[http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529\_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW\_TOPIC\_TREE&prodId=OVRC&searchId=R3&currentPosition=46&userGroupName=krkis&resultListType=RESULT\_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30)"genetically+engineered+foods"$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010139238&docType=GSRC](http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW_TOPIC_TREE&prodId=OVRC&searchId=R3&currentPosition=46&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30))

4. Genetically modified food and the poor

<http://query.nytimes.com/gst/fullpage.html?res=9E05E2DB103FF930A25753C1A9659C8B63>

5. Genetic Engineering Is Too Dangerous to Be Used in Human Foods

<http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%2528en%252C%252C%2529%253AFQE%253D%2528su%252CNone%252C25%2529genetically%2Bmodified%2Bfood%2524&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=DISPLAY_SUBJECTS&prodId=OVRC&searchId=R2&currentPosition=8&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(ke,None,25)genetically+modified+food$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010495221&docType=GSRC>

6. Genetically engineered crops will not solve the world’s food problem

[http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529\_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW\_TOPIC\_TREE&prodId=OVRC&searchId=R4&currentPosition=28&userGroupName=krkis&resultListType=RESULT\_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30)"genetically+engineered+foods"$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010138248&docType=GSRC](http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW_TOPIC_TREE&prodId=OVRC&searchId=R4&currentPosition=28&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30))

7. Genetically Engineered Crops Are Dangerous

[http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529\_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW\_TOPIC\_TREE&prodId=OVRC&searchId=R3&currentPosition=28&userGroupName=krkis&resultListType=RESULT\_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30)"genetically+engineered+foods"$&inPS=true&searchType=BasicSearchForm&displaySubject=&docId=EJ3010138248&docType=GSRC](http://find.galegroup.com/ovrc/retrieve.do?subjectParam=Locale%252528en%25252C%25252C%252529%25253AFQE%25253D%252528su%25252CNone%25252C28%252529genetically%252Bengineered%252Bfoods%252524%257E%2529_2&contentSet=GSRC&sort=Relevance&tabID=T010&sgCurrentPosition=0&subjectAction=VIEW_TOPIC_TREE&prodId=OVRC&searchId=R3&currentPosition=28&userGroupName=krkis&resultListType=RESULT_LIST&sgHitCountType=None&qrySerId=Locale(en,,):FQE%3D(SU,None,30))